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Docket No.: 45605-FWC/904

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Y. Izumi, et al.

Examiner: J. Dudek

Application No.: 08/868,481

Group No.: 2871

Filed: 06/03/97

Date of Allowance: 04/22/98

Batch No. D21

For: LIQUID CRYSTAL DISPLAY FORMED BY A PLURALITY  
OF NON-ELECTRICALLY INTERCONNECTED LIQUID  
CRYSTAL DISPLAY PANELS

RECEIVED  
Publishing Division

JUN 08 1998

The Honorable Commissioner of Patents  
And Trademarks

Box: Issue Fee  
Washington, D.C. 20231

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JUL 10 1998

Publishing Division  
Corresponding Files (10)

**CERTIFICATE OF MAILING**

I, hereby certify that this IDS is/are being deposited with the United States Postal Service as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, Box: Issue Fee, Washington, D.C. 20231, on June 4, 1998.

*Patricia A. Barnes*  
Patricia A. Barnes

**PETITION REQUESTING CONSIDERATION OF A SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT AFTER ALLOWANCE BUT BEFORE  
PAYMENT OF ISSUE FEE**

Sir:

This is a petition pursuant to 37 C.F.R. 1.97(d) requesting that the Supplemental Information Disclosure Statement (IDS) included herewith be considered by the U.S. Patent and Trademark Office.

Rule 97(e) Certification

In accordance with 37 C.F.R. § 1.97 (e), the undersigned hereby certifies that the references cited in the enclosed Supplemental IDS were cited in a communication

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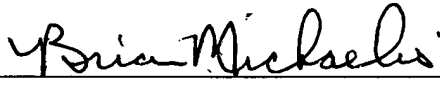
from a foreign (i.e., Korean) patent office concerning a counterpart application and that this communication was mailed not more than three months prior to the filing of the Supplemental IDS.

Wherefore, Applicant respectfully requests that the instant petition be granted and that the enclosed Supplemental IDS be considered by the Patent Office.

The fee set forth in 37 CFR § 1.17(i) is submitted herewith. If for any reason an additional fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No.

04-1105.

Respectfully submitted,  
DIKE, BRONSTEIN ROBERTS &  
CUSHMAN, LLP

  
\_\_\_\_\_  
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Dated: 6-4-98

#112714

*(Use several sheets if necessary)*

45605-FWC /904

**08/868,481**

**Applicant(s)**

Y. Izumi, et al.

**Filing Date**

06/03/97

### Group Art Unit

2871


## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	✓ BC	Copy of Korean Office Action dated April 16, 1998 and English translation thereof.

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

백덕열 귀하

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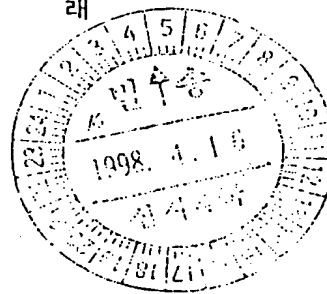
특 허 청

의견제출통지서  
NOTICE OF REQUEST FOR SUBMISSION OF ARGUMENT

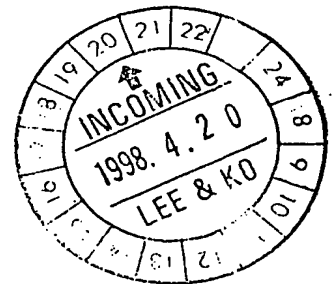
출원인 성명 샤프가부시끼가이샤  
주소 일본국오사까후오사까시아베노쿠나가이케쥬22반22고  
대리인 성명 백덕열  
주소 서울시 중구 남대문로2가 118 (해운센터빌딩본관17층)  
출원번호 1995년 특허출원 제 15104 호  
발명의명칭 역정표시장치

이 출원에 대한 심사결과 아래와 같은 거절이유가 있어서 특허법 제63조의 규정에 의하여 이를 통지  
하오니 의견이 있거나 보정이 필요할 경우에는 1998. 6. 16 까지 의견서 또는 보정서를 제출하여  
주시기 바랍니다.

아 래  
"별첨 참조" 끝.



002595



1998. 4. 16

특 허 청

심사국

영상기기 심사담당관실

심사관 김준한



별첨 ( 특허 95-15104 )

1. 본원발명의 청구 범위 1,2,7,10,24,27,33항은 복수개의 박막 트랜지스터 액정 패널을 서로 접합하여 대화면 액정 표시 장치를 제공하고자 하는 것으로, 이는 본원 발명의 출원전에 공지된 일본 특개평 3-256025 (1991.11.14 이하 인용예1이라함) 및 국내 특허공개공보 93-1451(93.1.16 이하 인용예2라함)의 박막트랜지스터 액정 패널을 서로 접합하여 대화면 표시 장치를 구성하는 것과 매우 유사한 것으로 인정되며, 본원발명의 상기 청구 범위의 핵심 구성 요소인 복수의 패널, 박막트랜지스터, 제1차광막 등의 구성 상기 인용예 1 및 2의 청구 범위, 상세한 설명의 전반 및 도면에서 제시하고 있는 복수의 패널(인용예1), 박막트랜지스터(인용예1 및 2), 차광막(인용예2) 등의 구성과 매우 유사한 것으로 인정되어, 당 분야의 통상의 지식을 가진 사람이 상기 인용예1 및 2를 단순히 주합하여 용이하게 발명할 수 있는 것으로 판단됩니다.(특허법 제29조 2항)

2. 본원발명의 청구 범위 2항에서 "소정"의 선폭이라는 용어는 그 한정이 불명료하여 청구하고자하는 범위를 정확하게 파악하기 어렵게 기술되어 있습니다.(특허법 제42조 4항)

첨부:상기 인용예 1 및 인용예 2 각 1부. 끝.

# TRANSLATION

## Notice of Request for Submission of Argument

Applicant	Name	Sharp Kabushiki Kaisha
	Address	22-22, Nagaike-cho, Abeno-ku Osaka-shi, Osaka-fu, Japan
Attorney(s)	Name	Duk Yeul Baek
	Address	17th Floor Marine Center Main Bldg. 118 Namdaemun-ro 2-ka, Chung-ku Seoul, Korea
Application No.		95-15104
Title of Invention		LIQUID CRYSTAL DISPLAY

A Notice of Rejection is hereby given pursuant to Article 63 of the Patent Act on the grounds set forth below. If there is any argument against this Office Action or any need to file an amendment, the applicant is invited to submit the argument or the amendment to the Korean Industrial Property Office by June 16, 1998.

### REMARKS

"See Attachment"

Date: April 16, 1998

The Korean Industrial Property Office

Examining Division IV  
Patent Examiner (Sealed)

[Attachment: Application No.95-15104]

1. The invention claimed in Claims 1, 2, 7, 10, 24, 27 and 33 of the present application ("claimed invention") provides a large-screen liquid crystal display by connecting a plurality of TFT liquid crystal panels. Such technical feature of the claimed invention is considered very similar to the Japanese Laid-Open Patent Hei No. 3-256025 (1991. 11. 14: "cited reference 1") and the Korean Laid-Open Patent No. 93-1451 (93. 1. 16: "cited reference 2"), which disclose a large-screen display constructed by connecting the TFT liquid crystal panels.

Also, the elements of the claims, such as a plurality of panels, a TFT, a first photo-blocking film, etc., are very similar to those of the cited reference 1 (i.e., a plurality of panels, a TFT) and the cited reference 2 (i.e., a TFT, a light shield film).

Therefore, the claimed invention is considered easily conceivable by the skilled person in the art in view of the simple aggregation of the cited references 1 and 2 (Article 29, paragraph 2).

2. The term "a predetermined" of a predetermined trace width in Claim 2 is unclear and, therefore, it is difficult to know the range which is sought to be patented (Article 42, paragraph 4).

Enclosure: A copy of the cited references 1 and 2.